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TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US)** CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

TITORNEY'S DOCKET NUMBER 3568.0100

U.S. APPLICATION NO

INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE
1 JUNE 2003 PRIORITY DATE CLAIMED PCT/EP2003/006564 TITLE OF INVENTION FILTRATION MODULE AND METHOD FOR THE SEPARATION OF... MEMBRANE, APPLICANT(S) FOR DO/EO/US DEMMER ET AL. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). X A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. X An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). 7. X Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. **X** An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. **X** An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. L A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. 16. X A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

Certificate of Mailing by Express Mail 20. X Other items or information: 1 SHEET DRAWINGS

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burner, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Linder the F	Panerwork Reduction Act of 1995	no namone are required to meno	U.S. Patent and Trad	lemark Office: U.S. DEPAR	TMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of inform U.S. APPLICATION NO. 17 (Days), see 47 (FR 25) 4 INTERNATIONAL APPLICATION NO.				ATTORNEY'S DOCKET NUMBER	
10/5104U4 PCT/EP2003/006564				DES: 3568.0100	
21. X The following fees are submitted:				CALCULATIONS	PTO USE ONLY
21. LAJ The following fees are submitted: BASIC NATIONAL FEE (CFR 1.492(a)(1)–(5)):					
Neither international proof international search	reliminary examination fee (3th fee (37 CFR 1.445(a)(2)) o	7 CFR 1.482) aid to USPTO e EPO or JPO	\$1110.00		
International prelimina	ry examination fee (37 CFR				
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO					
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)					
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)				\$ 950	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	26 -20=	6	X \$18.00	\$ 108	
Independent daims	1 -3=	0	X \$88.00	\$	
MULTIPLE DEPENDE	NT CLAIM(S) (if applicable)	YES	+ \$300.00	\$ 300	
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½. SUBTOTAL =				\$1358 \$ \$1358	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	1
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 40	
TOTAL FEES ENCLOSED =				\$1398	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. X A check in th	e amount of \$ _1398	to cover the abo	ove fees is enclosed.	<u> </u>	<u> </u>
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1550 A duplicate copy of this sheet is enclosed.					
d. Fees are to be be included of	e charged to a credit card. Won this form. Provide credit	ARNING: Information on this card information and authorization	form may become pub tion on PTO-2038.	lic. Credit card Informa	tion should not
NOTE: Where an appr and granted to restore	opriate time limit under 37 e the International Applicat	CFR 1.495 has not been me ion to pending status.	t, a petition to revive	(37 CFR 1.137(a) or (b)) must be filed
SEND ALL CORRESPO DENNIS E. CHERNOFF, 1600 ODS T	ONDENCE TO: STENZEL, ESQ. VILHAUER,McCL OWER, 601 SW OR 97204-3157	UNG &:STENZEL 2nd. AVE	SIGNATURE DENNIS NAME 28,763	E. STENZEL	my -
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FORM PTO-1390 /F	2EV 40 2004)				

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CERTIFICATE OF MAILING BY

"EXPRESS MAIL"

Express Mail No. EV422221282US

Date of Deposit: November 30, 2004

I hereby certify that the patent application attached hereto entitled "MEMBRANE, FILTRATION AND METHOD FOR THE SEPARATION OF BIOMOLECULES FROM A LIQUID", Wolfgang Demmer, Dietmar Nussbaumer and Hans-Heinrich Hörl, inventors, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and is addressed to MAIL STOP PCT, ATTN: DO/EO/US, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Dwight Bergaulst-Moody